MHV Jack Connector Clamp/Solder Attachment for RG59, RG62, RG71



PE51261

Configuration

- MHV Jack Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59, RG62, RG71

Features

- Max. Operating Frequency 300 MHz
- Gold Plated Phosphor Bronze Contact
- 4 µin Minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE51261 , MHV, Standard, Connector is part of our full line of RF components available for same-day shipping. Our MHV jack connector operates up to a maximum frequency of 300 MHz.

Our MHV jack connector PE51261 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		300	MHz
Operating Voltage (AC)			1,600	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Inner Conductor DC Resistance			2	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.456693 in [37 mm]
Width	0.433071 in [11 mm]
Height	0.433071 in [11 mm]
Weight	0.0463 lbs [21 g]
Mating Cycles	500 Cycles
Mating Torque	0.6 to 2.5 in-lbs [[0.07 to 0.28 Nm]]
Cable Retention Force	101 lbs [45.81 kg]

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PE51261

Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold 4 µin Minimum
Insulation	PTFE	
Body	Brass	Copper-Tin-Zinc Alloy 100 µin Minimum
Coupling Nut	Brass	Copper-Tin-Zinc Alloy 100 µin Minimum
Gasket	Silicone	
Washer	Brass	Copper-Tin-Zinc Alloy 100 µin Minimum

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
Thermal Shock	MIL-STD-202, Method 107, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

MHV Jack Connector Clamp/Solder Attachment for RG59, RG62, RG71 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MHV Jack Connector Clamp/Solder Attachment for RG59, RG62, RG71 PE51261

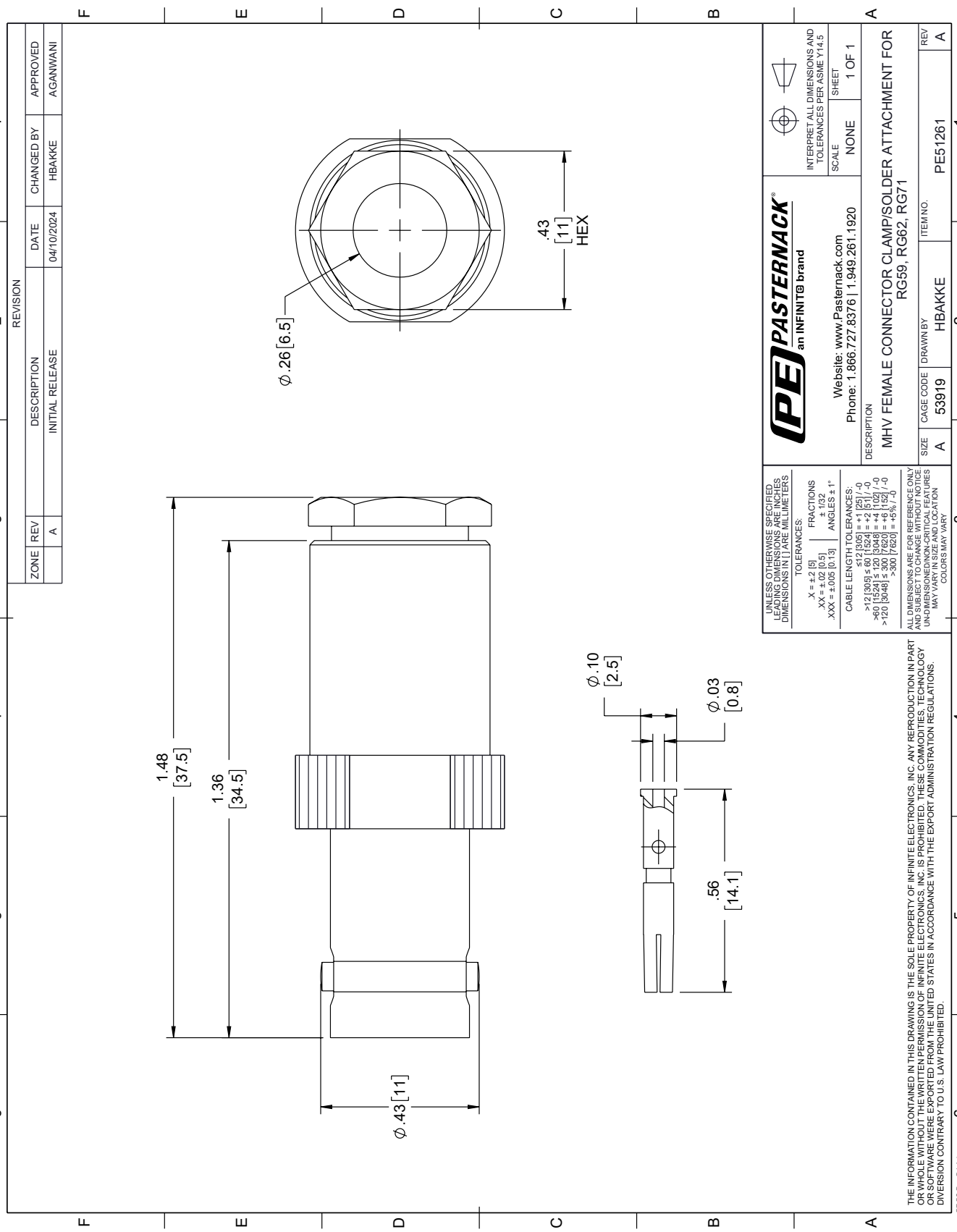
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PE51261 CAD Drawing

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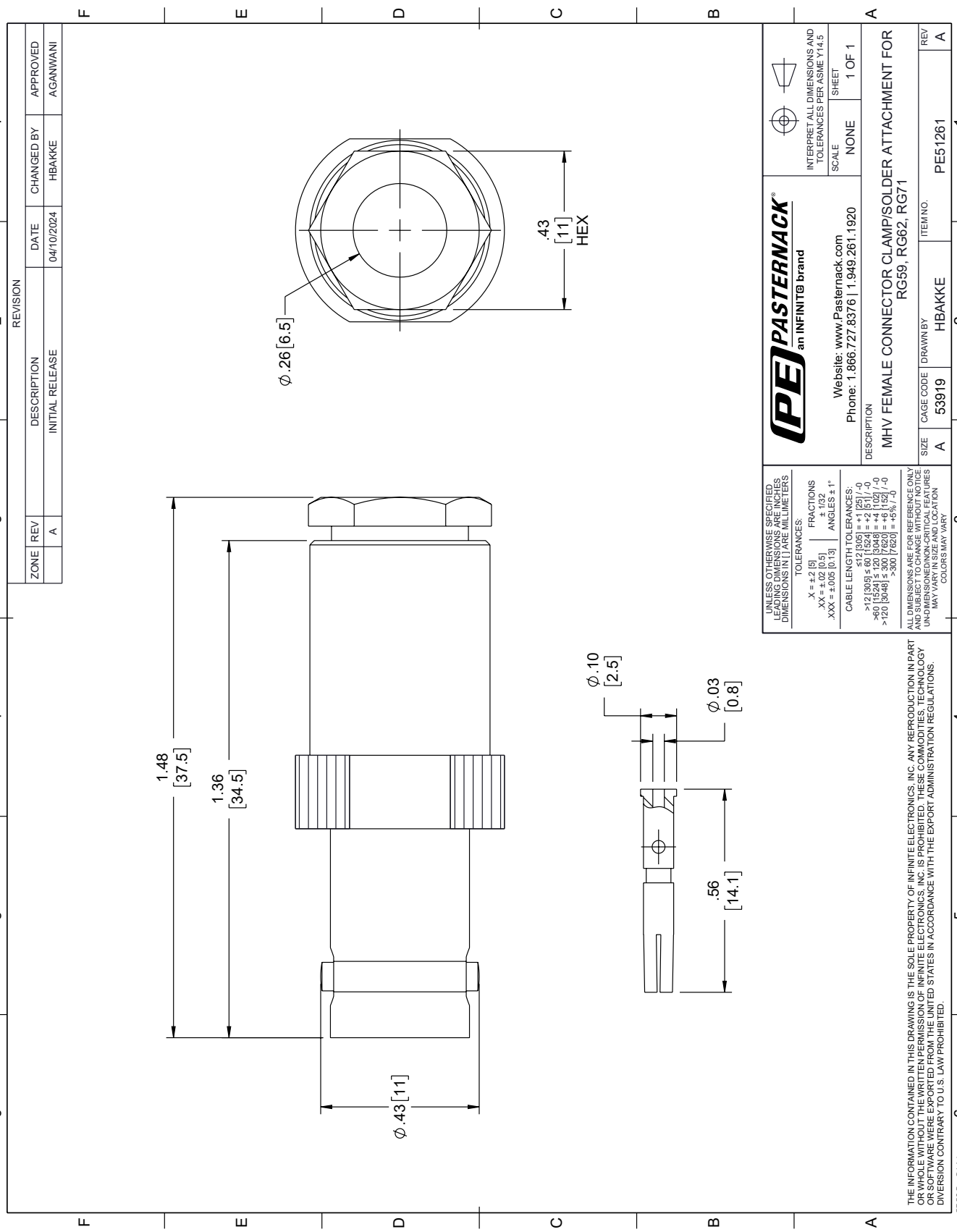
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PE51261 CAD Drawing

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93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

TECHNICAL DATA SHEET RG62A/U

93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

Configuration

Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE (AS)
Shield Materials	Copper Braid
Jacket Material and Color	PVC, Black

Electrical Specifications

Impedance, Ohms	93
Velocity of Propagation, %	83
Maximum Operating Frequency, MHz	1000
RF Shielding, dB	45
Capacitance, pF/ft [pF/m]	14.5 [47.57]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.9 [2.95]

Frequency 2

Frequency, MHz	200
Attenuation, dB/100ft [dB/100m]	3.8 [12.47]

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	8.7 [28.54]

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80

Inner Conductor

Number of Strands	1
Material	Copper Clad Steel
Diameter, in [mm]	0.025 [0.64]

Dielectric:

Type	PE (AS)
Diameter, in [mm]	0.146 [3.71]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket RG62A/U

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93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket

TECHNICAL DATA SHEET RG62A/U

Shield:

Number of	1
Material 1	Copper Braid

Jacket:

Material	PVC
Diameter, in [mm]	0.242 [6.15]
Color	Black
One Time Minimum Bend Radius, in [mm]	2.5 [63.5]
Weight, lbs/ft [Kg/m]	0.038 [0.06]

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes:	Values at 25 °C, sea level

93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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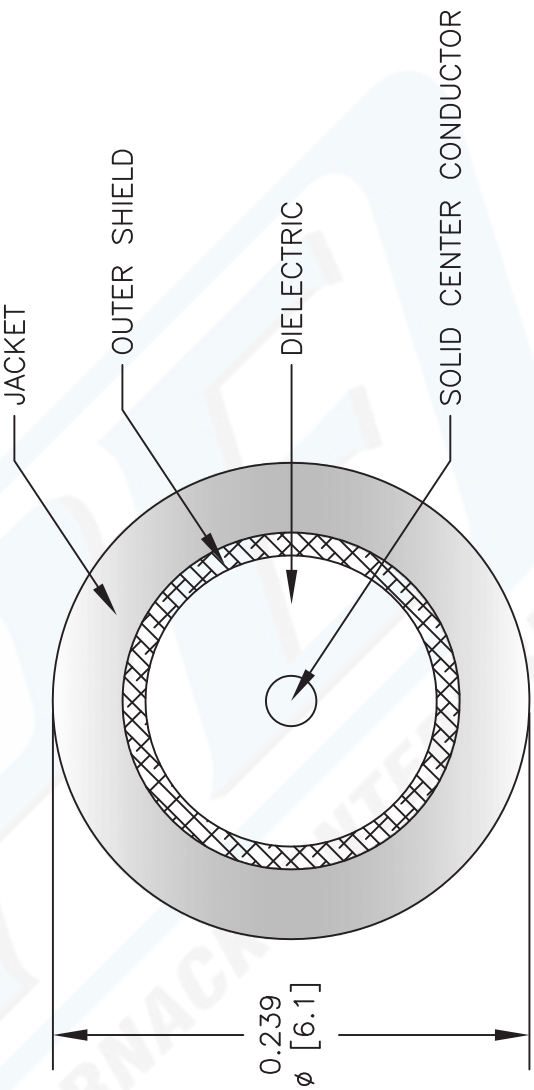
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RG62A/U CAD Drawing

93 Ohm Flexible RG62 Coax Cable Single Shielded with Black PVC Jacket





NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

CAD FILE	SCALE	SIZE
121912-B	N/A	A

DWG TITLE: RG62A/U

FSCM NO. 53919

2233

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